L Number	Hits	Search Text	DB	Time stamp
9	34	Robert WITH KORNELUK,	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/17 17:28
18	568	BIR$5 WITH domain	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/17 17:28
19	66	(BIR$5 WITH domain) and iap	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/17 17:29
20	42	(XIAP M-XIAP HIAP$3 M-HIAP$3) SAME BIR$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/17 17:29
21	7	TIAP SAME apoptosis	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/17 17:29
22	2	TIAP SAME method.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/17 17:29
23	4	TIAP .clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/17 17:29
48	30	(US-6511828-$ or US-6495339-$ or US-6472172-$ or US-6331412-$ or US-6300492-$ or US-6228603-$ or US-6187557-$ or US-6171821-$ or US-6159709-$ or US-6156535-$ or US-6133437-$ or US-6107088-$ or US-6107041-$ or US-6087173-$ or US-5919912-$).did. or (US-20020120121-$ or US-20020086409-$ or US-20020187946-$ or US-20020160975-$ or US-20020132786-$ or US-20020137028-$).did. or (WO-9706255-$ or EP-892048-$ or WO-9835693-$ or WO-9822131-$ or WO-9740847-$ or WO-9726331-$ or WO-9612016-$ or WO-9316196-$).did. or (JP-11032780-$).did.	USPAT; US-PGPUB; EPO; JPO	2003/12/17 17:31

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(FILE 'HOME' ENTERED AT 17:33:41 ON 17 DEC 2003)

FILE 'MEDLINE, AGRICOLA, CANCERLIT, SCISEARCH, CAPLUS, MEDICONF' ENTERED AT 17:33:57 ON 17 DEC 2003

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L1          26 S TIAP (L) APOPTOSIS
L2          12 DUP REM L1 (14 DUPLICATES REMOVED)
L3          12 SORT L2 PY
L4          47 S TESTIS (L) IAP
L5          22 DUP REM L4 (25 DUPLICATES REMOVED)
L6          22 SORT L5 PY
               E KORNELUK R?/AU
L7          92 S E5
L8           5 S L7 AND TESTIS
L9           5 SORT L8 PY
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=> d an ti so au ab pi l3 7 8 4

L3 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:916377 CAPLUS
DN 136:48811
TI Methods and compounds for modulating male fertility
SO U.S., 29 pp.
CODEN: USXXAM
IN Korneluk, Robert G.; Lagace, Mark
AB The invention features novel methods and reagents useful for the treatment of excessive or insufficient **apoptosis** in cells, and, particularly, in germ-line cells. The invention is useful in treating testicular cancers, cancers of germ-line cells, cancers in non-germ-line cell tissues, infertility (e.g., male infertility), and for birth control (e.g., male birth control). The invention features a substantially pure nucleic acid mol. encoding a **TIAP** (testis specific inhibitor of **apoptosis**) polypeptide. The treatment methods of the invention involve using the nucleic acid or **TIAP** polypeptide.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6331412	B1	20011218	US 1999-239867	19990129
US 2002086409	A1	20020704	US 2001-24433	20011218

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:25702 CAPLUS
DN 134:96296
TI Sequences of novel internal ribosome entry sites (IRES) of human and mouse X-linked inhibitor of apoptosis (XIAP) and uses thereof in modulating cap-independent translation
SO U.S., 35 pp., Cont.-in-part of U.S. Ser. No. 121,979.
CODEN: USXXAM
IN Korneluk, Robert G.; Holcik, Martin; Liston, Peter
AB The invention features purified nucleic acid encoding a novel internal ribosome entry site (IRES) sequence from the human and mouse X-linked inhibitor of apoptosis (XIAP) gene. The invention also features methods for using the XIAP IRES to increase cap-independent translation of polypeptide coding sequences linked to the XIAP IRES, and methods for isolating compds. that modulate cap-independent translation.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6171821	B1	20010109	US 1999-332319	19990614
US 6159709	A	20001212	US 1998-121979	19980724
CA 2336707	AA	20000203	CA 1999-2336707	19990722
WO 2000005366	A2	20000203	WO 1999-IB1415	19990722
W: CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
WO 2000005366	A3	20000615		
EP 1100900	A2	20010523	EP 1999-935002	19990722
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:84982 CAPLUS
DN 132:133245
TI An internal ribosome entry site from the X-linked inhibitor of apoptosis gene and its uses
SO PCT Int. Appl., 87 pp.
CODEN: PIXXD2
IN Korneluk, Robert G.; Holcik, Martin; Liston, Peter
AB A novel internal ribosome entry site (IRES) sequence from the X-linked inhibitor of apoptosis (XIAP) gene is identified and characterized. The invention also features methods for using the XIAP IRES to increase cap-independent translation of polypeptide coding sequences linked to the XIAP IRES, and methods for isolating compds. that modulate cap-independent translation. The IRES was identified in the very long 5'-UTR of the XIAP gene by function. Cap-independent initiation of translation from the IRES was demonstrated by resistance of expression of the downstream gene to inhibition by poliovirus protease 2A. The IRES could also mediate translation during serum starvation and the IRES also improved XIAP-mediated inhibition of apoptosis during serum starvation. The La autoantigen was shown to be involved in translation from the IRES.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000005366	A2	20000203	WO 1999-IB1415	19990722
WO 2000005366	A3	20000615		
W: CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 6159709	A	20001212	US 1998-121979	19980724
US 6171821	B1	20010109	US 1999-332319	19990614
CA 2336707	AA	20000203	CA 1999-2336707	19990722
EP 1100900	A2	20010523	EP 1999-935002	19990722
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				